

ASAMM-Chukchi – Flight 212 – 25 July 2014

Area flown: Transect 21, complete; transect 23, partial

Total hours flown: 5.4

Total transect hours: 2.1

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Partly cloudy to overcast. Sea state ranged from Beaufort 0-4. Visibility varied from 0 to 10 km, with low ceilings and glare. Low ceilings prevented surveying the offshore end of transect 23. Ice cover ranged from zero to 90% new and broken floe in the area surveyed.

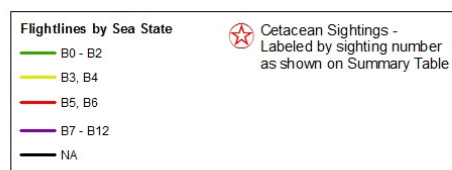
Sightings: Gray whales, one beluga, walrus, small unidentified pinnipeds, unidentified pinnipeds, small unidentified marine mammals, and one polar bear. The polar bear was swimming in an area with 50% new and broken floe ice, approximately 180 km offshore.

Preliminary Summary, Flight 212 Date: 7/25/2014

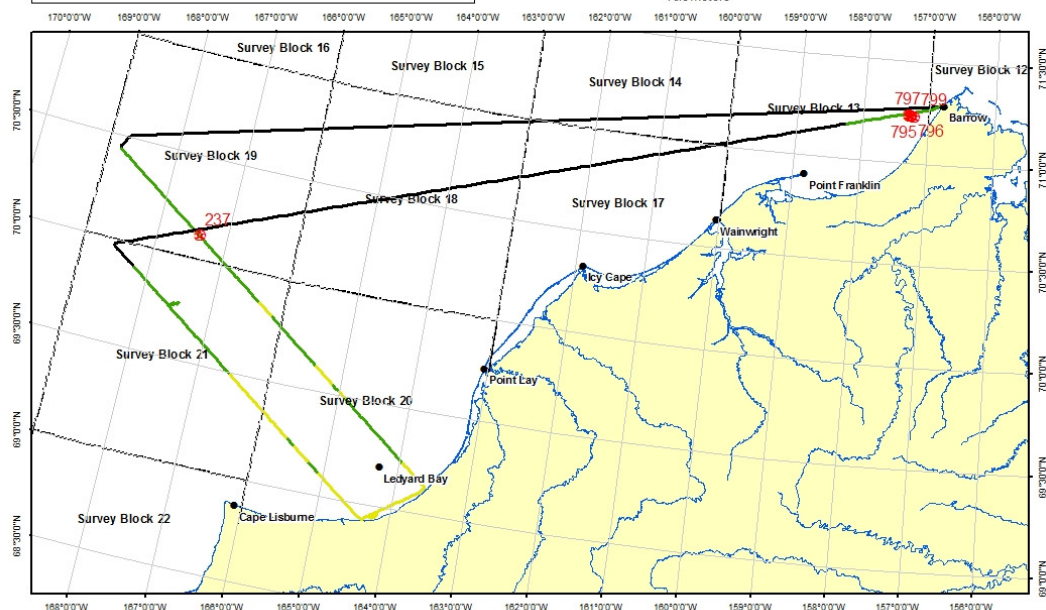
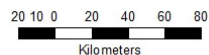
Total bowhead whales: 0	Start time: 7/25/2014 9:49:44 AM	End time: 7/25/2014 3:12:35 PM
Bowhead whale sightings: 0	Transect minutes: 123	Transect km: 434
Bowhead whales on transect: 0	Circling minutes: 12	Circling km: 14.8
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 135	Trans+Circ km: 448.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 25	Search km: 91.5
Bowhead whale repeats: 0	Total minutes: 323	Total km: 1417.8
Possible repeats: 0	Deadhead minutes: 163	Deadhead km: 877.5
Total gray whales: 4	Search blocks: 20, 21, 13, 12	
Total belugas: 1	Transect blocks: 19, 21, 20	
Other whale sightings: 0		
Total walrus: 41		
Total polar bears: 1		

Cetacean Sightings:

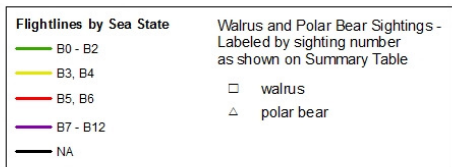
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
237	70.12	-167.41	19	beluga	1	0	swim	35	True
795	71.24	-157.31	13	gray whale	1	0	feed	-1	False
796	71.24	-157.3	13	gray whale	1	0	feed	-1	False
797	71.24	-157.29	13	gray whale	1	0	swim	254	False
799	71.25	-157.25	13	gray whale	1	0	swim	255	False



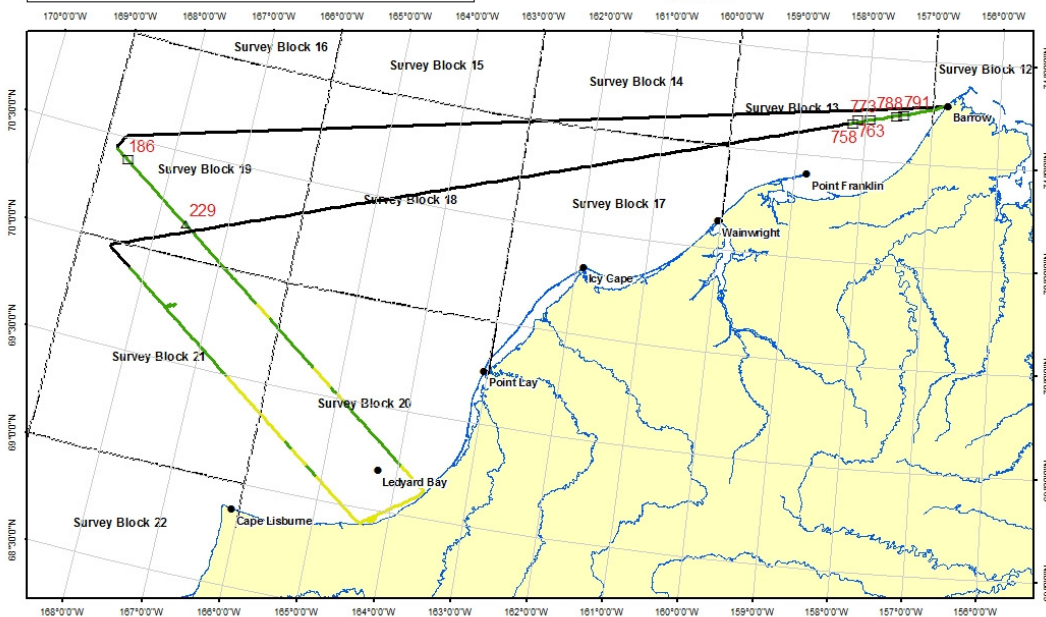
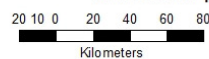
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 212, 7/25/2014 9:42:23 AM

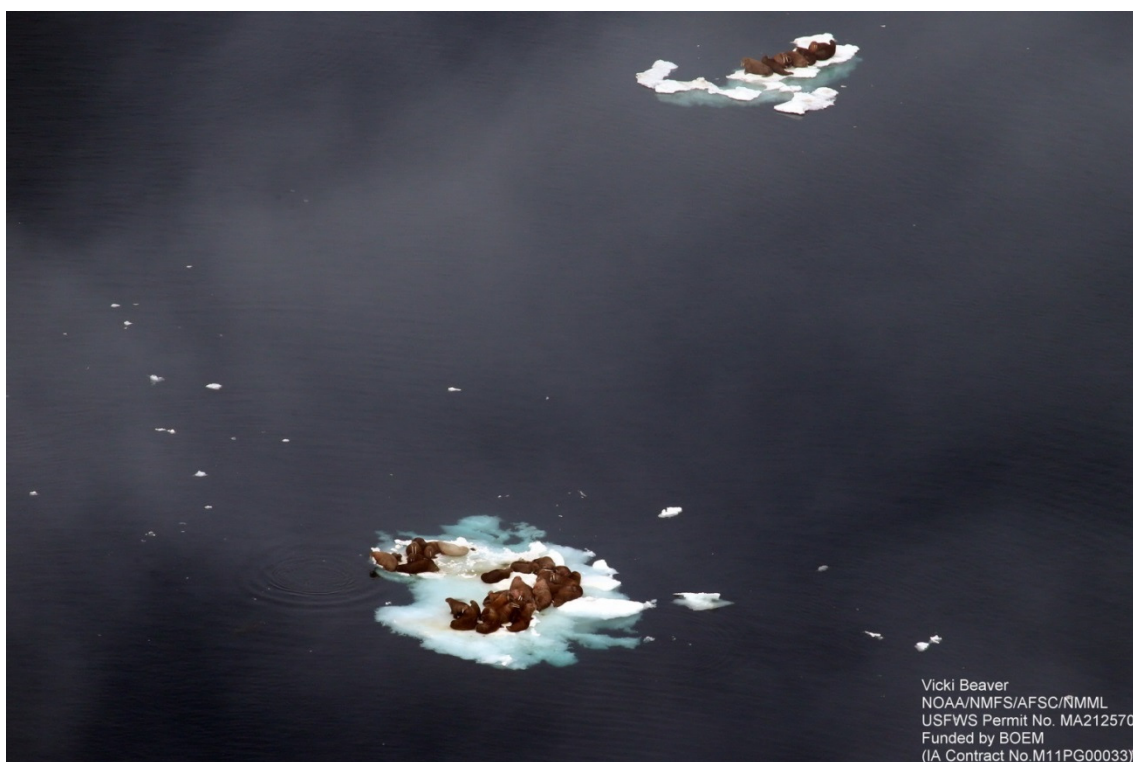


Walrus and Polar Bear Sightings:



NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 212, 7/25/2014 9:42:23 AM
walrus and polar bear





Vicki Beaver
NOAA/NMFS/AFSC/RMML
USFWS Permit No. MA212570
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Walrus hauled out on sea ice approximately 35 km north of Pt. Franklin, ASAMM-Chukchi Flight 212, 25 July 2014. This photo was taken during the “deadhead” transit back to Barrow and does not appear in the walrus and polar bear map above.